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*Facsimile Transmittal Sheet*

Date: September 5, 2003  
To: Carla J. Myers  
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From: J. Michael Schiff, Ph.D.

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Page 1 of 12 (including cover sheet) ◀ last page marked ▶

Re: U.S. Patent Application Serial No. 09/766,253  
Geron Docket No. 018/180C

**OFFICIAL FILING**

Transmittal, Amendment and Response to Office  
Action Under 37 CFR § 1.111 for  
**USSN 09/766,253**  
Please enter this paper into the Patent File.

PTO/IS/21 (08-03)

Approved for use through 07/31/2006. OMB 0851-0031

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|   |                      |                        |          |
|---|----------------------|------------------------|----------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number   | 09/766,253             |          |
|   | Filing Date          | January 19, 2001       |          |
|   | First Named Inventor | Thomas R. Cooh, et al. |          |
|   | Art Unit             | 1634                   |          |
|   | Examiner Name        | Carla J. Myers         |          |
| Total Number of Pages In This Submission  | 10                   | Attorney Docket Number | 018/180C |

| ENCLOSURES (Check all that apply)   |  |  |
|---|--|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply (9 pages)<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declarations(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) (in duplicate)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure (in duplicate)<br><input type="checkbox"/> Identify below: _____ |
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| Firm or Individual name   | J. Michael Schiff, Registration No. 40,253   |  |
| Signature   | <i>[Signature]</i>   |  |
| Date  | September 4 <sup>th</sup> 2003   |  |

| CERTIFICATE OF TRANSMISSION/MAILING   |                    |                   |
|---|--------------------|-------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |                    |                   |
| Typed or printed name   | Karen Makauský     |                   |
| Signature   | <i>[Signature]</i> | Date              |
|   |                    | September 5, 2003 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Mr. Mahawsky  
Name

September 5 2003  
Date

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Cech et al.

Filing Date: January 19, 2001

Serial No: 09/766,253

Docket: 018/180c

Title: METHOD FOR IDENTIFYING NUCLEOTIDE  
SEQUENCES ENCODING TELOMERASE  
PROTEIN

Art Unit: 1634

Examiner: Carla J. Myers, Ph.D.

AMENDMENT AND RESPONSE TO OFFICE ACTION  
UNDER 37 CFR § 1.111

Commissioner for Patents  
Alexandria VA 22313

Dear Sir,

This paper is responsive to the most recent Office Action on the merits, dated July 16, 2003, for which a response is due October 16, 2003. Accordingly, this paper is timely filed.

Applicant has given careful consideration to the analysis in the Office Action. Please enter the following amendments and remarks.